



61

AF 2133  
\$PATENT APPLICATION  
Attorney Docket No.: 678-252 (P8722)**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****APPLICANT(S):** Chang-Soo PARK, et al.**GROUP ART UNIT:** 2133**APPLICATION NO.:** 09/282,851**EXAMINER:** Lamarre, Guy J.**FILING DATE:** March 31, 1999**DATED:** July 12, 2004**FOR: TURBO ENCODING/DECODING DEVICE AND METHOD  
FOR PROCESSING FRAME DATA ACCORDING TO QoS**MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**RECEIVED**

JUL 19 2004

Technology Center 2100

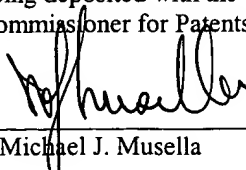
**RESPONSE**

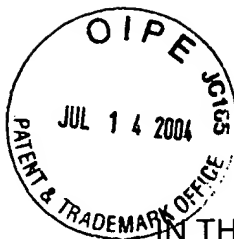
Sir:

In response to the Office Action of the United States Patent and Trademark Office dated March 12, 2004, please consider the following amendments and remarks.

**CERTIFICATION UNDER 37 C.F.R. § 1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope, addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 12, 2004.

Dated: July 12, 2004  
\_\_\_\_\_  
Michael J. Musella



PATENT APPLICATION  
Attorney Docket: 678-252 (P8722)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Chang-Soo PARK et al.

Examiner: Lamarre, Guy J.

Serial No.: 09/282,851

Group: Art Unit 2133

Filed: March 31, 1999

For: **TURBO ENCODING/DECODING DEVICE AND METHOD FOR  
PROCESSING FRAME DATA ACCORDING TO QoS**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RECEIVED**

JUL 19 2004

**AMENDMENT TRANSMITTAL FORM**

Technology Center 2100

Sir:

Transmitted herewith is an amendment in the above-identified application.

- ☐ Small entity status of this application under 37 C.F.R. §§1.9 and 1.27 has been established by a verified statement previously submitted.
- ☐ A verified statement to establish small entity under 37 C.F.R. §§1.9 and 1.27 is enclosed.
- ☒ No additional fee is required.

| For   | Claims Remaining<br>After Amendment | Highest No.<br>Previously<br>Paid For | Present<br>Extra | Rate<br>(Small<br>Entity) | Addit.<br>Fee | Rate   | Addit.<br>Fee |
|---|-------------------------------------|---------------------------------------|------------------|---------------------------|---------------|--------|---------------|
| TOTAL CLAIMS*   | 26                                  | 52                                    | 0                | x 9 =                     | \$0           | x 18 = | \$0           |
| INDEPENDENT<br>CLAIMS   | 6                                   | 12                                    | 0                | x 43 =                    | \$0           | x 86 = | \$0           |
| <input type="checkbox"/> First<br>Presentation of<br>Multiple Dep.<br>Claim |                                     |                                       |                  | 145                       |               | 290    | \$0           |

\* If the entry in Col. 1 is less than entry in Col. 2, write "0" in Col. 3.

\*\* If the "Highest No. Previously Paid for" IN THIS SPACE is less than 20, enter "20".

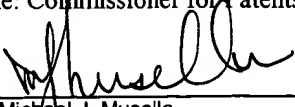
\*\*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The Highest No. Previously Paid For" (Total or indep.) is the highest number found in the appropriate box in Col. 1 of a prior amendment or the number of claims originally filed.

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: July 12, 2004

  
Michael J. Musella

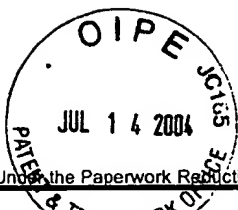
- ☐ Please charge Deposit Account No. 04-1121 in the amount of \$\_\_\_\_. Two (2) copies of this sheet are enclosed.
- ☐ A check in the amount of \$\_\_ is enclosed.
- ☒ Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. §§1.16 and/or 1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 04-1121. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 04-1121 therefor. A DUPLICATE OF THIS SHEET IS ENCLOSED.

Respectfully submitted,



Paul J. Farrell  
Reg No. 33,494  
Attorney for Applicant(s)

DILWORTH & BARRESE, LLP  
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PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL****for FY 2004**

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$ ) 110.00**Complete if Known**

|                      |                        |
|----------------------|------------------------|
| Application Number   | 09/282,851             |
| Filing Date          | March 31, 1999         |
| First Named Inventor | PARK, Chang-Soo et al. |
| Examiner Name        | Lamarre, Guy J.        |
| Art Unit             | 268                    |
| Attorney Docket No.  | 678-252 (P8722)        |

**RECEIVED****METHOD OF PAYMENT** (check all that apply)☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:Deposit Account Number  
Deposit Account Name

04-1121

Dilworth &amp; Barrese LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity        |          | Small Entity |          | Fee Description        | Fee Paid          |
|---------------------|----------|--------------|----------|------------------------|-------------------|
| Fee Code            | Fee (\$) | Fee Code     | Fee (\$) |                        |                   |
| 1001                | 770      | 2001         | 385      | Utility filing fee     |                   |
| 1002                | 340      | 2002         | 170      | Design filing fee      |                   |
| 1003                | 530      | 2003         | 265      | Plant filing fee       |                   |
| 1004                | 770      | 2004         | 385      | Reissue filing fee     |                   |
| 1005                | 160      | 2005         | 80       | Provisional filing fee |                   |
| <b>SUBTOTAL (1)</b> |          |              |          |                        | <b>(\$ ) 0.00</b> |

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

|                    |  | Extra Claims |  | Fee from below |  | Fee Paid |      |
|--------------------|--|--------------|--|----------------|--|----------|------|
| Total Claims       |  | -20** =      |  | X              |  | =        | 0.00 |
| Independent Claims |  | -3** =       |  | X              |  | =        | 0.00 |
| Multiple Dependent |  |              |  |                |  | =        |      |

| Large Entity        |          | Small Entity |          | Fee Description   | Fee Paid          |
|---------------------|----------|--------------|----------|---|-------------------|
| Fee Code            | Fee (\$) | Fee Code     | Fee (\$) |   |                   |
| 1202                | 18       | 2202         | 9        | Claims in excess of 20                                      |                   |
| 1201                | 86       | 2201         | 43       | Independent claims in excess of 3                           |                   |
| 1203                | 290      | 2203         | 145      | Multiple dependent claim, if not paid                       |                   |
| 1204                | 86       | 2204         | 43       | ** Reissue independent claims over original patent          |                   |
| 1205                | 18       | 2205         | 9        | *** Reissue claims in excess of 20 and over original patent |                   |
| <b>SUBTOTAL (2)</b> |          |              |          |   | <b>(\$ ) 0.00</b> |

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION** (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description  | Fee Paid |
|----------|----------|----------|----------|--|----------|
| 1051     | 130      | 2051     | 65       | Surcharge - late filing fee or oath  |          |
| 1052     | 50       | 2052     | 25       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 1053     | 130      | 1053     | 130      | Non-English specification  |          |
| 1812     | 2,520    | 1812     | 2,520    | For filing a request for <i>ex parte</i> reexamination                     |          |
| 1804     | 920*     | 1804     | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805     | 1,840*   | 1805     | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251     | 110      | 2251     | 55       | Extension for reply within first month                                     | 110.00   |
| 1252     | 420      | 2252     | 210      | Extension for reply within second month                                    |          |
| 1253     | 950      | 2253     | 475      | Extension for reply within third month                                     |          |
| 1254     | 1,480    | 2254     | 740      | Extension for reply within fourth month                                    |          |
| 1255     | 2,010    | 2255     | 1,005    | Extension for reply within fifth month                                     |          |
| 1401     | 330      | 2401     | 165      | Notice of Appeal   |          |
| 1402     | 330      | 2402     | 165      | Filing a brief in support of an appeal                                     |          |
| 1403     | 290      | 2403     | 145      | Request for oral hearing   |          |
| 1451     | 1,510    | 1451     | 1,510    | Petition to institute a public use proceeding                              |          |
| 1452     | 110      | 2452     | 55       | Petition to revive - unavoidable   |          |
| 1453     | 1,330    | 2453     | 665      | Petition to revive - unintentional   |          |
| 1501     | 1,330    | 2501     | 665      | Utility issue fee (or reissue)   |          |
| 1502     | 480      | 2502     | 240      | Design issue fee   |          |
| 1503     | 640      | 2503     | 320      | Plant issue fee  |          |
| 1460     | 130      | 1460     | 130      | Petitions to the Commissioner  |          |
| 1807     | 50       | 1807     | 50       | Processing fee under 37 CFR 1.17(q)  |          |
| 1806     | 180      | 1806     | 180      | Submission of Information Disclosure Stmt                                  |          |
| 8021     | 40       | 8021     | 40       | Recording each patent assignment per property (times number of properties) |          |
| 1809     | 770      | 2809     | 385      | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 1810     | 770      | 2810     | 385      | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| 1801     | 770      | 2801     | 385      | Request for Continued Examination (RCE)                                    |          |
| 1802     | 900      | 1802     | 900      | Request for expedited examination of a design application                  |          |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$ ) 110.00**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)

Paul J. Farrell

Registration No.  
(Attorney/Agent)

33,494

Telephone

(516) 228-8484

Signature

Date

July 12, 2004

**CERTIFICATION UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this correspondence and the documents referred to as enclosed are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: July 12, 2004

Michael J. Musella